

National Weather Service - Cooperative Observer Program

FPR-D OPERATIONAL IMPLEMENTATION CHECKLIST: FPU REMOVAL

Planned Product Improvement: Fischer-Porter Rebuild (FPR-D) .

COOP Site (SID, Name, State): _____

NWSREP Completing this Checklist: _____ Date: _____

Item #	Item Description	OPR	Date
1. FPR Operational Support Activities			
a.	Submit 'FPR Pre-Implementation Worksheet' with edits to signify any changes in FPU operations. Email to your RCPM and OS7.	OPL	
b.	Review CSSA Inspection Reports for FPU sites and inform FPU Observers of plan to change equipment from FPU to FPR-D.	OPL	
2. FPU Removal and FPR Installation Activities			
a.	Determine where to mount Sutron Solar Panel. Either you re-install half-inch pipe mounting or use same pole as for FPU solar panel.	OPL	
b.	Use Laptop to copy all records from GMA logger (i.e., 12-months). Then use red datakey to make routine download of the FPU precipitation data.	OPL	
c.	Remove FPU equipment, taking note of the safety precautions cited in the <i>FPU Assembly Procedural (Aug 2006)</i> .	OPL	
d.	Assemble and install FPR-D Kit at COOP site in accordance with two documents: (1) <i>FPU Retrofit Instructions for FPR-D Sites (Sep 2012)</i> , and (2), <i>FPR-D Assembly Procedures (Sep 2012)</i> .	OPL	
3. FPR Monitoring and Coordination Activities			
a.	Generate a Site Inspection Report in CSSA.	OPL	
b.	Submit new B-44 rendition to Workflow within five days of installing.	OPL	
c.	Establish a WFO Log Sheet to track SD Cards / Emails received.	OPL	
4. FPR Post-Installation Activities			
a.	Dispose of old equipment according to <i>FPU Retrofit Instructions for FPR-D Sites (Sep 2012)</i> .	OPL	
b.	Transmit to NCDC the final download of FPU precipitation data. Archive in your WFO the retrieved FPU database (i.e., 12-months).	OPL	
c.	Transmit first month's precipitation data and verify NCDC received CSV files. Refer to <i>FPR-D Operations Manual</i> for procedures.	OPL	
d.	FAX the MIC-signed OI Certificate to NWSHQ (OS7) only after all FPUs in your CPA have been implemented by steps listed, above.	OPL	

Instruction: The Observation Program Leader (OPL) fills-out one Checklist for each FPR-D installed that replaces an FPU and notes the date of the completed actions. When all sites' Checklists are completed and any Thirty-Day Reports completed, then the MIC signs the WFO Implementation Certificate.